

Title (en)

DIMENSIONAL TOLERANCE CALCULATOR, DIMENSIONAL TOLERANCE CALCULATING METHOD, AND COMPUTER READABLE RECORDING MEDIUM RECORDING DIMENSIONAL TOLERANCE CALCULATING PROGRAM

Title (de)

KALKULATOR FÜR DIMENSIONSTOLERANZEN, VERFAHREN ZUR BERECHNUNG VON DIMENSIONSTOLERANZEN UND COMPUTERLESBARES AUFZEICHNUNGSMEDIUM ZUR AUFZEICHNUNG EINES PROGRAMMS ZUR BERECHNUNG VON DIMENSIONSTOLERANZEN

Title (fr)

CALCULATRICE DE TOLÉRANCE DE DIMENSION, MÉTHODE DE CALCUL DE TOLÉRANCE DE DIMENSION ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR ENREGISTRANT LE PROGRAMME DE CALCUL DE TOLÉRANCE DE DIMENSION

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Application

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Abstract (en)

The present invention aims at surely and efficiently calculating size tolerances of a plurality of parts constituting a structure with the configuration that includes a tentative size tolerance setting section (3) setting tentative size tolerances of the plurality of parts based on design data of the structure and part information of the plurality of parts; a primary analyzing section (7) calculating a quality of the structure and sensitivities of the plurality of parts based on the tentative size tolerances set by the tentative size tolerance setting section; a judging section (8) judging whether or not the quality calculated by the primary analyzing section (7) satisfies a desired quality which the structure demands; and a secondary analyzing section (14) calculating, if the judging section (8) judges that the quality calculated by the primary analyzing section (7) does not satisfy the desired quality, the size tolerances of the plurality of parts using the sensitivities calculated by the primary analyzing section (7) such that the structure satisfies the desired quality.

IPC 8 full level

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